

**GMI MEETING
MAY 24-25, 2004
GREENBELT, MD.**

STRUCTURE FOR THIS MEETING:

- **Scientific presentations on items of interest to GMI (first day).**
- **SHORT (15 minute) summaries by working group leaders of status and items for discussion at working groups**
- **Working groups to:**
 - **Evaluate progress with respect to established goals**
 - **Resolve specific scientific/computing issues**
 - **Update list of publications, timeline**
 - **Discuss long-term GMI work.**
- **Note that every effort should be made to have specific discussions related to GMI progress at the working groups.**

**GLOBAL MODELING INITIATIVE
SCIENCE TEAM MEETING
MAY 24-25, 2004, GREENBELT, MD
AGENDA**

Monday, May 24

8:30 AM Registration

**9:00 AM Welcome, meeting goals,
GMI status/NRA Rodriguez/Strahan/Clune/
Anderson**

SCIENTIFIC PRESENTATIONS

**9:30 AM Exploring stratospheric
implementation issues Strahan**

**10:00 AM Ongoing work on interactive
chemistry-climate simulations Stolarski**

10:30 AM Coffee Break

**10:45 AM Recovery of Antarctic ozone
hole Newman**

**11:15 AM Evaluation of accuracy in
global tracer transport modeling:
experiments using the GMI and
UCI CTMs with fossil fuel CO₂ Prather**

**11:45 AM Daily global maps of CO from
NASA's AIRS McMillan**

12:15 PM Lunch

**1:30 PM Aerosol distributions, absorption,
and intercontinental transport:
Results from global model, satellite
observations, and
sunphotometer measurements Chin**

**2:00 PM Global modeling of aerosol dynamics
and microphysics Liu**

2:30 PM	Evaluation and continued development of the aerosol-cloud interaction parameterizations for GMI	Nenes
3:00 PM	Role of deep and shallow convection on tracer constituents distributions	Rasch
3:30 PM	Coffee Break	
3:45 PM	Analysis of GEOS-CHEM results utilizing GEOS-4 fields	Logan
4:15 PM	On tracer correlation in the troposphere: the case of ethane and propane	Wang
4:45 PM	Simulating ozone in the near-tropopause region with a new combined model of the stratosphere and troposphere (QOS)	Considine
5:15 PM	The Impact of Meteorological Fields on the Tropospheric Ozone Distributions Calculated by the Global Modeling Initiative (GMI) Chemical-Transport Model (QOS)	Rodriguez
5:45 PM	Adjourn	

TUESDAY, MAY 26

8:30 AM	GMI Issues for Discussion	Rodriguez
9:00 AM	Short summary of stratospheric issues	Douglass
9:15 AM	Short summary of tropospheric issues	Logan
9:30 AM	Short summary of strap-trop modeling issues	Considine

9:45 AM	Short summary of aerosol issues	Penner
10:00 AM	Short summary of numerical issues	Prather
10:15 AM	Coffee Break	
10:30 AM	Plenary: organize working groups	Rodriguez
10:45 AM	Working groups Note: During this time, a presentation on the structure of the GMI model will take place. Time to be discussed.	
4:00 PM	Summary of working groups – Action items	Working group leaders Rodriguez/Strahan
5:00 PM	Adjourn	